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CLAIMS

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1. A recording medium having a first and a second side comprising:
respective program data on said first and said second sides of said medium; and
a first area on said first side and a second area on said second side of said medium, said areas having laser encoded data representing information identifying said respective program data.

10 2. The medium of claim 1 wherein said first area and said second area occupy non-overlapping positions with respect to each other.

15 3. The medium of claim 2 wherein said first area has substantially the same inner and outer circumferences but a different angular position from said second area.

20 4. The medium of claim 2 wherein said first and second areas are positioned as concentric rings with respect to each other.

5. The medium of claim 1 wherein said medium is a DVD disk.

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6. A recording medium comprising:
a first and a second layers, each of said layers containing respective program data;
a first area on said first layer and a second area on said second layer, said areas having laser encoded data representing individualizable information.

7. The medium of claim 6 wherein said first area and said second area occupy non-overlapping positions with respect to each other.

5 8. The medium of claim 6 wherein said first area has substantially the same inner and outer circumferences but a different angular position from said second area.

10 9. The medium of claim 6 wherein said first and second areas are positioned as concentric rings with respect to each other.

10. The medium of claim 6 wherein said medium is a DVD disk.

15 11. The medium of claim 6 wherein said first and second layers are on the same side of said medium.

12. The medium of claim 10 wherein said first and second areas are Burst Cutting Areas of said DVD disk.

20 13. The medium of claim 5 wherein said first and second areas are Burst Cutting Areas of said DVD disk.

25 14. A DVD disk, comprising:
 A first layer for storing a first program;
 a second layer for storing a second program;
 an area of said first layer for having laser encoded data for identifying said first program; and
 an area of said second layer for having laser encoded data for identifying said second program.

15. An apparatus for laser encoding a first and a second selectively distinctive codes on a recording medium, comprising:

means for encoding said first code in a first preselected position and in a first preselected layer on said recording medium;

5 and

means for encoding said second code in a second preselected position and in a second preselected layer of said recording medium.

10 16. The apparatus of claim 15, wherein said first layer and second layer are on opposite sides of said recording medium.

15 17. The apparatus of claim 16 wherein said apparatus further comprises means for turning said recording medium from one side to the other.

18. The apparatus of claim 15, wherein said first position does not overlap said second position.

20 19. A method for processing a disk having more than one laser encoded data for identifying more than one programs on said disk, comprising:

identifying a count representing the number of laser encoded areas on said disk;

25 obtaining a first laser encoded data by reading from a first laser encoded area on said disk; and

obtaining a subsequent laser encoded data by reading from a subsequent laser encoded area on said disk until the number of laser encoded areas read equals to said count.

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20. The method of claim 19, wherein said laser encoding areas are Burst Cutting Areas for a DVD disk.

21. An optical disk having a first recording area where first main data are recorded in the form of pits, and a second recording area which is a predetermined area in the first recording area, where a plurality of a reflection film are removed partially, so a first identification data is recorded for associating with the first main data, the optical disk being characterized by:

a third recording area for recording second main data; and

a forth recording area where a plurality of reflection film are removed partially, so a second identification data is recorded for associating with the second main data.

22. A method for processing a disk, comprising the steps of obtaining, from the disk, a first code encoded individually on a first area of the disk; and using the first code obtained to process first main data associated with the first code, the method further characterized by:

obtaining, from the disk, a second code encoded individually on a second area of the disk; and

using the second code obtained to process second data associated with the second code.

23. A method for forming a disk, comprising the steps of encoding first main data on a first area of the disk; and encoding, individually, a first code on a second area of the disk for identifying the first main data, the method further characterized by:

encoding second main data on a third area of the disk; and

encoding, individually, a second code on a forth area of the disk for
5 identifying the second main data.

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